

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

37-087-42
SEBREE QUADRANGLE
133 KENTUCKY
N3730-W8730/15
DIAGRAM NJ 16-8
EVANSVILLE

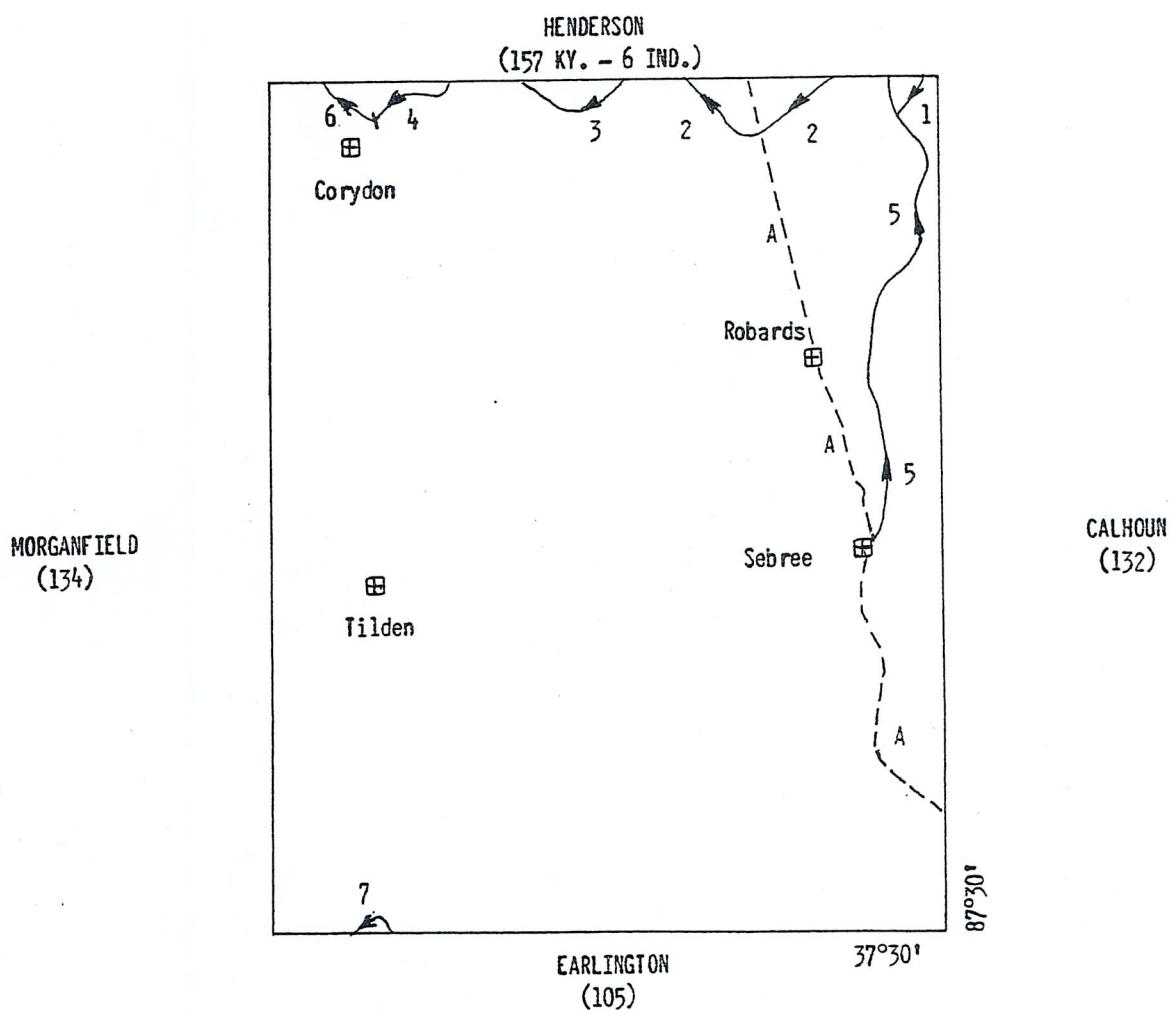
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Henderson, Union and
Webster Counties

Final adjustment of 1972

Edition of 8/7/74

PR: CRV/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370874

INDEX OF PERMANENT MARKS

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486 ADJ 1903	3
499 ADJ 1903	3
502 ADJ 1903	3
569 ADJ 1903	3
605 ADJ 1903	3
RESET 1938	3
TT 77 HF 1950 387	4
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TT 79 HF 1950 487	5
11 JEM 1950 453 TT	4,5
13 JEM 1950 383	4
18 JEM 1950 441	4

AMS

VF 1 1946	5
TT HH 1 1947	5

NGS

Q 41 1935	4
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ISOLATED BENCH MARKS (By H. S. Love, 1902; Book 9557)

Feet

Sebree, 4.0 mi S. of; at S. end of Breton switch on Louisville and Nashville Railroad; in NW. corner of rd. crossing; 2 ft W. of right-of-way corner post; on iron post; standard cap stamped "384 ADJ 1903" (Destroyed, 1969)

383.959

Sebree; on NE. corner of Main and Church Streets; 9.5 ft W. of center of doorway of Court Theatre Building; in top of concrete sill; standard tablet unstamped

403.866

L. L. Lee, 1904; Book 5983

Rock Springs, 7.4 mi E. of; at Cherry Hill Church on Frog Island rd.; at T-rd. W.; in sandstone pillar in SW. corner of W. face of church; standard tablet stamped "424 ADJ 1903" (Recovered 1936 and tied to L 41 1935 NGS) (Not found, 1969)

422.862

Rock Springs, 0.2 mi NW. of, along State Highway 266 from junction with U. S. Highway 41; 80 ft NW. of T-rd. S.; 60 ft N. of white frame house; on iron post; standard cap stamped "486 ADJ 1903"

484.990

Corydon, 4.8 mi SW. of; on rd. to Herman running E. and W. to connect with Sulphur Springs rd. running N. and S.; 3 ft from NE. corner of Oakland School; on iron post; standard cap stamped "423 ADJ 1903" (Destroyed, 1969)

422.267

Pratt; in NW. corner of crossroads; in SW. pillar of blacksmith shop; standard tablet stamped "502 ADJ 1903" (Destroyed, 1969)

501.587

Poole; near crossroads; 1 ft W. of NE. corner of Poole Deposit Bank Building; standard tablet stamped "499 ADJ 1903"

498.070

Wanamaker; in NW. corner of crossroads; at store of J. A. Aldridge; 0.5 ft above ground in SE. sandstone pillar; standard tablet stamped "445 ADJ 1903" (Not found, 1949)

444.030

Tilden; at SE. corner of crossroads; in NW. pillar of store of Tapp and Townsend; standard tablet stamped "425" (Destroyed, 1949)

424.614

Tilden, 2.8 mi S. of; at junction with N.-S. rd. from Wanamaker to Dixon; in NW. corner of forks; in front of residence of Tom Watson; on iron post; standard cap stamped "605 ADJ 1903"

604.094

Dixon; in Webster County Courthouse; on W. side; 58 ft N. of walk; 2 ft above ground; standard tablet stamped "RESET 1938"

537.861

Catesville, 0.6 mi NW. of; on Slaughterville rd.; in SE. corner of rock foundation of iron bridge over Deer Creek; standard tablet stamped "397 ADJ 1903" (Destroyed, 1969)

397.097

Catesville, 3.2 mi E. of, on Slaughterville rd.; at NW. corner of Mount Pleasant Church; in sandstone pillar; standard tablet stamped "569 ADJ 1903" (Destroyed, 1969)

568.821

FeetLINE 1.

J. E. McClane, 1950; Book AV 172

Anthoston, 1.5 mi SE. of, along State Highway 136; 72 ft NW. and 26 ft NE. of, and 1 ft above rd. intersection; 2 ft S. and 10 ft W. of fence corner; in concrete post; standard tablet stamped "11 JEM 1950 453 TT" (Destroyed, 1969)

452.778

LINE 2.

J. E. Mc Clane, 1950; Book AV 172

U. E., Anthoston, 2.3 mi SW. of; 8 ft NW. of, and level with center of rd.; on NW. corner of wingwall of concrete bridge over East Fork of Canoe Creek; chiseled square

385.38

Anthoston, 2.5 mi SW. of, along gravel rd.; 91 ft N. of, and 6 ft lower than RR. crossing; 37 ft E. of E. rail; 23 ft N. of end of fence; 7 ft W. of creek; in concrete post; standard tablet stamped "13 JEM 1950 383" (Destroyed, 1969)

382.766

Reference mark; 120 ft NNE. of tablet; on N. end of 1 ft concrete culvert; chiseled square

381.99

LINE 3.

J. E. McClane, 1950; Book AV 172

Corydon, 4.1 mi E. of, along U. S. Highway 41; 22 ft S. and 34 ft W. of, and 3 ft higher than center of hwy.; at T-rd. W.; 1 ft N. and 2 ft W. of fence corner; in concrete post; standard tablet stamped "18 JEM 1950 441"

440.839

Reference mark; 320 ft W. of tablet; in S. end of concrete culvert; chiseled square

422.79

LINE 4.

J. E. McClane, 1950; Book AV 172

U. E., Corydon, 1.1 mi NE. of; at T-rd. NE.; 36 ft NW. and 12 ft NE. of, and level with center of rd.; on top of concrete headwall; chiseled square

460.64

Corydon; on W. side of Main Street; on S. edge of main entrance of public school; in limestone doorsill; standard tablet stamped "459 ADJ 1903" (Destroyed, 1959)

457.763

LINE 5.

J. D. Nikolaus, 1950; Book AV 210

"Q 41 1935" (NGS) (Not found, 1969)

392.014

Sebree, 2.3 mi N. of, along State Highway 149; 310 ft S. of concrete bridge over Graves Creek; 38 ft S. and 52 ft E. of T-rd. E.; 54 ft E. of center of hwy.; in concrete post; standard tablet stamped "TT 77 HF 1950 387" (Destroyed, 1969)

386.570

LINE 5 (Cont'd.)Feet

Sebree, 4.5 mi N. of, along State Highway 149; 1.4 mi E. of Robards; 51 ft S. and 40 ft E. of crossroads; 42 ft E. of hwy.; 14 ft N. of gas line white-red iron witness post; in concrete post; standard tablet stamped "TT 78 HF 1950 419" (Not found, 1969)	418.571
Niagara, 2.3 mi SW. of; 2.8 mi NE. of Robards; 0.8 mi E. of State Highway 149; 55 ft E. of Y-rd. SE. to Sportsmen Club; 25 ft SE. of center of main rd.; in fence corner; in concrete post; standard tablet stamped "TT 79 HF 1950 487" (Destroyed, 1969)	486.872
U. E., Niagara, 1.6 mi SW. of; 50 ft E. of junction of Y-rd. forks; at S. end of concrete pipe culvert; chiseled square	536.88
Robards, 4.2 mi NE. of, along gravel rd.; 1.3 mi SW. of Niagara; 250 ft SW. of Y-rd. junction; 10 ft E. of fence; 8 ft W. of center of rd.; on SW. headwall of concrete culvert; AMS standard disk stamped "VF 1 1946"	479.798
Anthoston, 2.6 mi SE. of, along State Highway 136; 32 ft SE. of hwy.; 30 ft S. of fence corner; on front lawn of residence of James Courtney; in concrete post; AMS standard disk stamped "TT HH 1 1947" (Destroyed, 1969)	431.969
"11 JEM 1950 453 TT" (Described in line 1) (Destroyed, 1969)	452.778

LINE 6.

J. E. McClane, 1950; Book AV 172

Corydon; on W. side of Main Street, in limestone doorsill of public schoolhouse; in S. edge of main entrance; standard tablet stamped "459 ADJ 1903"

457.763

LINE 7.

W. L. Wallace, 1953; Book AV 2020

There are no USGS marks in this quadrangle.

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

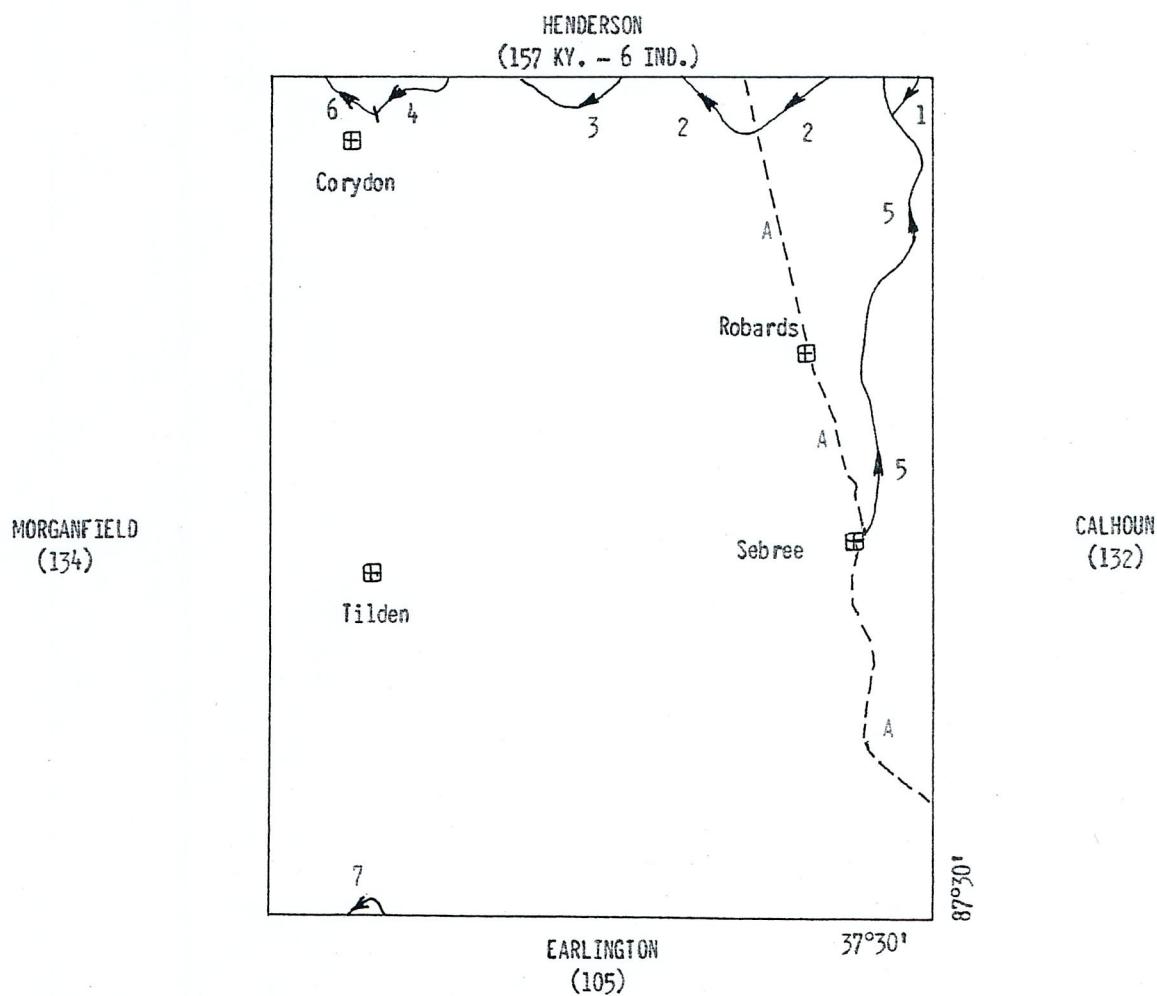
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HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-087-42
SEBREE QUADRANGLE
133 KENTUCKY
N3730-W8730/15
DIAGRAM NJ 16-8
EVANSVILLE

Henderson, Union, and Webster Counties

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Edition of 1/24/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

HENDERSON
(157)

Robards
田

MORGANFIELD
(134)

Sebree
田

田 Tilden

CALHOUN
(132)

田 Dixon

EARLINGTON
(105)

37°30'

87°30'

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

133 KENTUCKY
SEBREE QUADRANGLE

37-087-42
N3730-W8730/15

INDEX OF PERMANENT MARKS

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TT 75 HF 1950	3
TT 76 HF 1950	3
TT 77 HF 1950 387	3
TT 78 HF 1950 419	3
TT 79 HF 1950 487	4
11 JEM 1950 453 TT	4

AMS

TT NA 4 1946	4
TT HH 1 1947	4

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

The following positions are considered OBsolete. To be used only to locate permanent marks in the field.

By G. B. Grunwell, 1936; Book D1860

Sebree; 400 ft S. of Louisville and Nashville Railroad station; 125 ft S. of centerline of Main Street; 35 ft E. of centerline of Spring Street; 22 ft W. of near rail in main track; in concrete post; standard tablet stamped "TT 17 G 1936"

X = 1,484,067	Y = 468,348	37 36 22.86	87 31 51.88
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Rock Springs, 0.2 mi NW. of, along State Highway 266 from junction with U.S. Highway 41; 80 ft NW. of junction of I-rd. S.; 60 ft N. of white frame house; on iron post; standard cap stamped "486 ADJ 1903"

X = 1,448,128	Y = 513,010	37 43 37.41	87 39 29.61
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Corydon, 0.5 mi SE. of, along State Highway 145; at crossing of Illinois Central Railroad; 39 ft NW. of center of crossing; 20 ft N. of centerline of rd.; 16 ft W. of near rail; 80 ft NW. of tall 48-in. sweet gum tree; in concrete post; standard tablet stamped "TT 18 G 1936"

X = 1,435,520	Y = 515,867	37 44 03.10	87 42 07.24
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By H. P. Finch, 1950; Book AH 202

Sebree, 4.3 mi S. of, along L. & N. RR.; at Breton; 37 ft N. of grade crossing; 24 ft NW. of centerline of rd.; 23 ft NE. of E. rail; 13 ft SW. of fence corner; in concrete post; standard tablet stamped "TT 75 HF 1950" (Not found, 1969)

X = 1,485,611	Y = 447,728	37 32 59.31	87 31 27.89
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Sebree, 1.3 mi S. of, along L. & N. RR.; 485 ft N. of milepost 295; 41 ft W. of centerline of State Highway 149; 27 ft E. of E. rail; 6 ft E. of RR. handcar parking stand; in concrete post; standard tablet stamped "TT 76 HF 1950"

X = 1,484,982	Y = 461,656	37 35 16.88	87 31 38.95
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Sebree, 2.3 mi N. of, along State Highway 149; 310 ft S. of concrete bridge over Groves Creek; 54 ft E. of centerline of hwy.; 38 ft S. and 52 ft E. of junction of I-rd. E.; in concrete post; standard tablet stamped "TT 77 HF 1950 387" (Reported destroyed, 1969)

X = 1,486,625	Y = 479,588	37 38 14.44	87 31 22.71
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Sebree, 4.5 mi N. of, along State Highway 149; 1.4 mi E. of Robards; 51 ft S. and 40 ft E. of crossroads; 42 ft E. of centerline of hwy.; 14 ft N. of gas line white iron witness post; in concrete post; standard tablet stamped "TT 78 HF 1950 419" (Not found, 1969)

X = 1,486,578	Y = 491,573	37 40 12.91	87 31 26.10
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133 KENTUCKY
SEBREE QUADRANGLE

37-087-42

4

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Niagara, 2.3 mi SW. of; 2.8 mi NE. of Robards; 0.8 mi E. of State Highway 149; 55 ft E. of junction of I-rd. SE. to Sportsmen Club; 25 ft SE. of centerline of main rd.; in fence corner; in concrete post; standard tablet stamped "TT 79 HF 1950 487" (Reported destroyed, 1969)

X = 1,490,817 Y = 499,677 37 41 33.80 87 30 35.25

Anthoston, 2.6 mi SE. of, along State Highway 136; 32 ft SW. of centerline of hwy.; 30 ft S. of fence corner; on front lawn of residence of James Courtney; in concrete post; AMS standard disk stamped "TT HH 1 1947" (Not found, 1950)

X = 1,491,588 Y = 513,202 37 43 47.64 87 30 28.81

Anthoston, 1.5 mi SE. of, along State Highway 136; 72 ft NW. and 26 ft NE. of, and 1 ft above rd. intersection; 2 ft S. and 10 ft W. of fence corner; in concrete post; standard tablet stamped "11 JEM 1950 453 TT" (Reported destroyed, 1969)

X = 1,489,080 Y = 518,875 37 44 43.26 87 31 01.34

By C. Gridley, 1953; Book AH 2006

Vanderburg, 2.8 mi NE. of, along State Highway 264; 15 ft S. of centerline of Highway 264; 6 ft E. of driveway; 4 ft W. of fence corner; in concrete post; AMS standard disk stamped "TT WA 4 1946" (AMS position)

X = 1,457,342 Y = 435,908 37 30 57.06 87 37 15.94